Program.cs

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace MyconsoleApp

{

internal class Program

{

static void Main(string[] args)

{

//Console.WriteLine("Good Morning!!!");

//MyMathcls.Add();

//MyMathcls.greatest();

//Console.Read();

day1 ob=new day1();

//ob.greatestofthree();

//ob.empdetails();

//ob.Factorial();

//ob.Sumof10Nums();

//ob.Swapnums();

//ob.divnums();

//ob.copystring();

ob.printnames();

}

}

}

MyMathcls.cs

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace MyconsoleApp

{

internal class MyMathcls

{

public static void Add()

{

//string i= Console.ReadLine();

// Console.WriteLine(i);

int a = int.Parse(Console.ReadLine());

int b = int.Parse(Console.ReadLine());

int c = a + b;

Console.WriteLine(c);

//Console.WriteLine("the sum of " +a +" and " +b +" is " +c);

//Console.WriteLine("the sum of {0} and {1} is {2}",a,b,c);

//Console.WriteLine($"the sum of {a} and {b} is {c}");

}

public static void greatest()

{

//accepting 2 numbers and finding the greatest

int a = int.Parse(Console.ReadLine());

int b = int.Parse(Console.ReadLine());

if (a > b)

{

Console.WriteLine($"a is greatest");

}

else

{

Console.WriteLine($"b is greatest");

}

}

}

}

Day1.cs

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace MyconsoleApp

{

internal class day1

{

public void greatestofthree()

{

Console.WriteLine("enter the 1st number:");

int a = int.Parse(Console.ReadLine());

Console.WriteLine("enter the 2nd number:");

int b = int.Parse(Console.ReadLine());

Console.WriteLine("enter the 3rd number:");

int c = int.Parse(Console.ReadLine());

if (a > b && a > c)

{

Console.WriteLine($"The greatest among {a},{b} and {c} is {a}");

}

else if (b > c)

{

Console.WriteLine($"The greatest among {a},{b} and {c} is {b}");

}

else

{

Console.WriteLine($"The greatest among {a},{b} and {c} is {c}");

}

}

public void empdetails()

{

Console.WriteLine("Enter the Employee Name: ");

string empname = Console.ReadLine();

Console.WriteLine("Enter the basic Salary: ");

float sal = float.Parse(Console.ReadLine());

Console.WriteLine($"The HRA of sal is:"+((sal)\*15/100));

Console.WriteLine($"The DA of sal is:" + ((sal) \* 10 / 100));

Console.WriteLine($"The TAX of sal is:" + ((sal) \* 8 / 100));

Console.WriteLine($"The GrossPay of {empname} with {sal} is:" +(((sal)\*15/100)+((sal)\*10/100)+(sal)));

}

public void Factorial()

{

Console.WriteLine("Enter the number to find out the factorial:");

string input = Console.ReadLine();

int number = 5; // Default value

if (input.Length > 0) // Checking if input has characters

{

number = int.Parse(input);

}

int result = 1;

for (int i = 1; i <= number; i++)

{

result = result \* i;

}

Console.WriteLine($"Factorial of {number} is: {result}");

}

public void Sumof10Nums()

{

int sum = 0;

for (int i = 1; i <= 10; i++)

{

Console.Write($"Enter number {i}: ");

int num = int.Parse(Console.ReadLine());

if (num < 0)

{

Console.WriteLine("Negative number entered. Stopping calculation.");

return;

}

sum += num;

}

Console.WriteLine($"The total sum is: {sum}");

}

public void Swapnums()

{

Console.WriteLine("Enter 1st number:");

int a = int.Parse(Console.ReadLine());

Console.WriteLine("Enter 2nd number:");

int b = int.Parse(Console.ReadLine());

//int temp;

//temp = a;

//a = b;

//b = temp;

//Console.WriteLine($"after swapping the 2 numbers are {a},{b}");

a = a + b;

b = a - b;

a = a - b;

Console.WriteLine($"after swapping the 2 numbers are {a},{b}");

}

public void copystring()

{

Console.WriteLine("Enter the 1st string:");

string a =Console.ReadLine();

Console.WriteLine("Enter the 2nd string:");

string b =Console.ReadLine();

string c = string.Copy(a)+" " +string.Copy(b);

Console.WriteLine($"The copied string from {a} and {b} is {c}");

}

public void divnums()

{

Console.WriteLine("enter the 1st number");

float a = float.Parse(Console.ReadLine());

Console.WriteLine("enter the 2nd number");

float b = float.Parse(Console.ReadLine());

Console.WriteLine($"the remainder is "+(a%b));

Console.WriteLine($"the quotient is " +(a/b));

}

public void printnames()

{

Console.WriteLine("Enter the number:");

int b = int.Parse(Console.ReadLine());

Console.WriteLine("Enter the String:");

string a = Console.ReadLine();

Console.WriteLine("---------");

for (int i = 1; i <= b; i++)

{

Console.WriteLine(a);

}

}

}

}